

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: April 11, 2005, 21:13:17 ; Search time 96 Seconds
(without alignments)
2783.935 Million cell updates/sec

Title: US-08-586-594E-10

Perfect score: 4321

Sequence: 1 MMCKFVVLHWEFLYIA.....IPSNVKKFYIHGMCTVLMD 805

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1418010 seqs, 331937259 residues

Total number of hits satisfying chosen parameters: 1418010

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pep.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09A_PUBCOMB.pep.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09B_PUBCOMB.pep.*
- 11: /cgn2_6/ptodata/2/pubpaa/US09C_PUBCOMB.pep.*
- 12: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pep.*
- 13: /cgn2_6/ptodata/2/pubpaa/US10A_PUBCOMB.pep.*
- 14: /cgn2_6/ptodata/2/pubpaa/US10B_PUBCOMB.pep.*
- 15: /cgn2_6/ptodata/2/pubpaa/US10C_PUBCOMB.pep.*
- 16: /cgn2_6/ptodata/2/pubpaa/US10D_PUBCOMB.pep.*
- 17: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pep.*
- 18: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep.*
- 19: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep.*
- 20: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	4271	98.8	894	8	US-08-779-457-51
2	4271	98.8	894	13	US-10-079-625-2
3	4271	98.8	894	13	US-10-095-929-12
4	4271	98.8	894	17	US-10-921-710-51
5	4271	98.8	1162	13	US-10-079-625-43
6	4265	98.7	1162	14	US-10-079-625-43
7	4031	93.3	783	8	US-08-779-457-7
8	4031	93.3	783	14	US-10-214-802-7
9	4031	93.3	783	17	US-10-921-710-7
10	3355	77.6	804	10	US-09-116-676-10
11	3340	77.3	896	8	US-08-779-457-3
12	3340	77.3	896	14	US-10-214-802-3
13	3340	77.3	896	16	US-10-373-624A-2

3340	77.3	896	17	US-10-774-721-10	Sequence 10, Appl
3340	77.3	896	17	US-10-921-710-3	Sequence 3, Appl
3340	77.3	923	8	US-08-779-457-4	Sequence 4, Appl
3340	77.3	923	14	US-10-214-802-4	Sequence 4, Appl
3340	77.3	923	17	US-10-921-710-4	Sequence 4, Appl
3340	77.3	925	17	US-10-492-403A-15	Sequence 15, Appl
3340	77.3	925	17	US-08-779-457-2	Sequence 2, Appl
3340	77.3	1165	9	US-09-894-039-1	Sequence 1, Appl
3340	77.3	1165	13	US-10-095-929-11	Sequence 11, Appl
3340	77.3	1165	14	US-10-214-802-2	Sequence 2, Appl
3340	77.3	1165	14	US-10-226-579-4	Sequence 4, Appl
3340	77.3	1165	17	US-10-921-710-2	Sequence 2, Appl
3328	77.0	896	13	US-10-095-929-10	Sequence 10, Appl
3328	77.0	906	13	US-10-095-929-9	Sequence 9, Appl
3328	77.0	958	13	US-10-095-929-8	Sequence 8, Appl
3326	77.0	1165	13	US-10-079-625-4	Sequence 4, Appl
3323	76.9	960	13	US-10-095-929-3	Sequence 3, Appl
3318	76.8	898	14	US-10-245-616-3	Sequence 3, Appl
3223	74.6	916	16	US-10-373-624A-4	Sequence 4, Appl
3223	74.6	1161	16	US-10-373-624A-8	Sequence 8, Appl
3223	74.6	1161	17	US-10-774-721-14	Sequence 14, Appl
3223	74.6	1234	16	US-10-373-624A-6	Sequence 6, Appl
3223	74.6	1234	17	US-10-774-721-12	Sequence 12, Appl
3199	74.0	896	16	US-10-014-156-13	Sequence 13, Appl
390	9.0	1158	9	US-09-313-942-26	Sequence 26, Appl
390	9.0	1158	9	US-09-935-868-26	Sequence 26, Appl
390	9.0	1158	14	US-10-287-035-26	Sequence 26, Appl
390	9.0	1158	14	US-10-282-162-26	Sequence 26, Appl
380	8.8	1168	9	US-09-935-868-24	Sequence 24, Appl
380	8.8	1168	14	US-10-287-035-24	Sequence 24, Appl
380	8.8	1168	14	US-10-282-162-24	Sequence 24, Appl

ALIGNMENTS

RESULT 1
US-08-779-457-51
; Sequence 51, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.

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OM protein - protein search, using sw model

Run on: April 11, 2005, 18:25:31 ; Search time 249 Seconds
(without alignments)
241.335 Million cell updates/sec

Title: US-08-586-594E-10

Perfect score: 4321

Sequence: 1 MNCOKFYVLLHWEFLVIA.....IPSNVKFYHGMCTVLFMD 805

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 513545 seqs, 74649064 residues

Total number of hits satisfying chosen parameters: 513545

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents AA.*
1: /cgn2_6/ptodata/1/1aa/5A_COMB.pep.*
2: /cgn2_6/ptodata/1/1aa/5B_COMB.pep.*
3: /cgn2_6/ptodata/1/1aa/6A_COMB.pep.*
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5: /cgn2_6/ptodata/1/1aa/PTUS_COMB.pep.*
6: /cgn2_6/ptodata/1/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	4271	98.8	894	2	US-08-599-455B-2
2	4271	98.8	894	3	US-09-069-781B-2
3	4271	98.8	894	3	US-08-618-957A-12
4	4271	98.8	894	3	US-09-137-132-2
5	4271	98.8	894	3	US-08-864-564A-2
6	4271	98.8	894	4	US-09-094-410-2
7	4271	98.8	894	4	US-08-708-123D-2
8	4271	98.8	894	4	US-08-583-153A-2
9	4271	98.8	894	4	US-08-570-142D-2
10	4271	98.8	894	4	US-08-638-524B-2
11	4271	98.8	894	4	US-10-095-929-12
12	4271	98.8	1162	2	US-08-599-455B-43
13	4271	98.8	1162	3	US-09-069-781B-43
14	4271	98.8	1162	3	US-09-137-132-43
15	4271	98.8	1162	3	US-08-864-564A-43
16	4271	98.8	1162	4	US-09-094-410-43
17	4271	98.8	1162	4	US-08-708-123D-43
18	4271	98.8	1162	4	US-08-638-524B-43
19	4147	96.0	896	2	US-08-640-389A-12
20	4031	93.3	783	4	US-08-780-562-7
21	3991	92.4	1162	3	US-08-803-346-1
22	3983	92.2	895	3	US-08-827-962-19
23	3983	92.2	1162	3	US-08-827-962-15
24	3977	92.0	1162	3	US-08-827-962-20
25	3947	91.3	895	3	US-08-827-962-21
26	3355	77.6	804	4	US-09-116-676-10
27	3340	77.3	896	4	US-08-780-562-3

28 3340 77.3 923 4 US-08-780-562-4 Sequence 4, Appli
29 3340 77.3 1165 2 US-08-599-455B-4 Sequence 4, Appli
30 3340 77.3 1165 3 US-09-093-814-1 Sequence 1, Appli
31 3340 77.3 1165 3 US-09-069-781B-4 Sequence 4, Appli
32 3340 77.3 1165 3 US-08-618-957A-11 Sequence 11, Appli
33 3340 77.3 1165 3 US-09-137-132-4 Sequence 4, Appli
34 3340 77.3 1165 4 US-08-094-410-4 Sequence 4, Appli
35 3340 77.3 1165 4 US-08-708-123D-4 Sequence 4, Appli
36 3340 77.3 1165 4 US-08-583-153A-4 Sequence 4, Appli
37 3340 77.3 1165 4 US-08-570-142D-4 Sequence 4, Appli
38 3340 77.3 1165 4 US-08-780-562-2 Sequence 2, Appli
39 3340 77.3 1165 4 US-08-638-524B-4 Sequence 4, Appli
40 3340 77.3 1165 4 US-10-095-929-11 Sequence 11, Appli
41 3328 77.0 896 3 US-08-618-957A-10 Sequence 10, Appli
42 3328 77.0 896 4 US-09-357-914-33 Sequence 33, Appli
43 3328 77.0 896 4 US-10-095-929-10 Sequence 10, Appli
44 3328 77.0 898 2 US-08-693-697-36 Sequence 36, Appli
45 3328 77.0 906 3 US-08-618-957A-9 Sequence 9, Appli

ALIGNMENTS

RESULT 1
US-08-599-455B-2
; Sequence 2, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: Fast-SEO for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,455B
; FILING DATE: 22-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; TOPOLOGY: linear